

EPA Region 5 Records Ctr.



279347

United States
Environmental Protection
Agency

Office of Solid Waste
and Emergency
Response

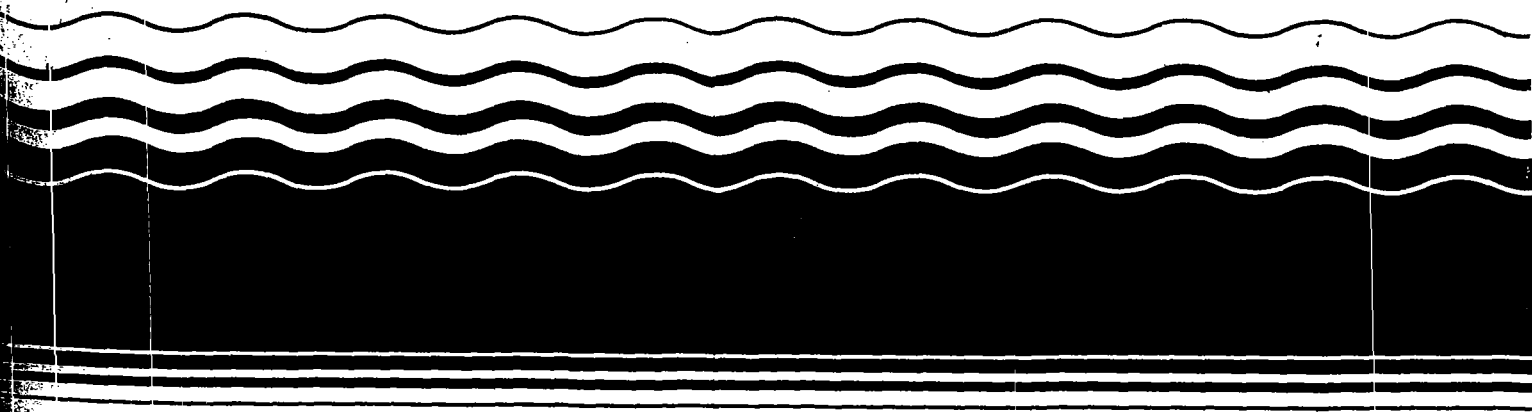
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JAWORSKI

Superfund



Hazard Ranking System Guidance Manual

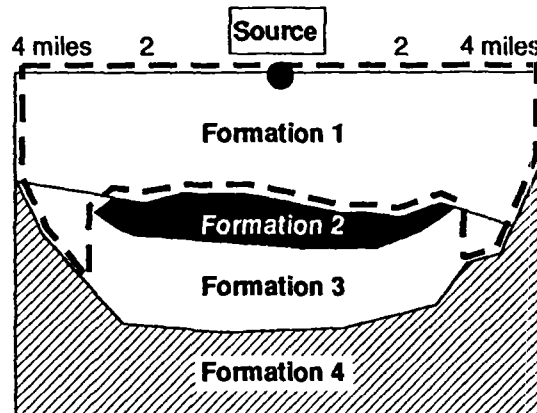


The Hazard Ranking System Guidance Manual

Interim Final

**Hazardous Site Evaluation Division
Office of Solid Waste and Emergency Response
U.S. Environmental Protection Agency
Washington, DC 20460**

HIGHLIGHT 7-7
DELINEATING AQUIFER WHEN A BOUNDARY IS
CONTINUOUS THROUGHOUT 2-MILE DISTANCE
(formations are shown in cross-section)



- Four formations underlie the site within the TDL.
- Formations 1 and 3 are very similar in nature and are both used as aquifers within the TDL.
- Formations 2 and 4 are not used as aquifers and are low hydraulic conductivity layers relative to Formations 1 and 3. Therefore, they are aquifer boundaries.
- Formations 1 and 3 are in direct contact within the TDL but are completely separated by a low hydraulic conductivity layer throughout the 2-mile radius.
- Therefore, the portion of Formations 1 and 3 that are in direct contact are combined into a single hydrologic unit (i.e., aquifer) indicated by dashed lines on the figure. Those portions separated by the aquifer boundary are excluded unless an aquifer interconnection can be documented between Formations 1 and 3 within the 2-mile radius.
- If Formation 2 did not underlie Formation 1 throughout the entire 2-mile radius, Formation 1 would be combined with all of Formation 3 for HRS scoring purposes.